III. AMENDMENTS TO THE ABSTRACT:

Kindly replace the Abstract of the Disclosure with the following new Abstract, wherein an unmarked copy of the Abstract follows the marked-up copy on a separate page:

~~DEVICE AND METHOD FOR TESTING THE LEAK TIGHTNESS OF A TIMEPIECE CASE~~

The present invention concerns a device for monitoring the water resistance of a case (2) of an electronic timepiece (1) including a time base (42) for generating a standard frequency signal, ~~and~~ a central processing unit (44) for determining the time from the standard signal, and an electronic means for generating an alarm, characterized in that the device~~it~~ includes an electronic sensor (32) capable of measuring fluctuations in the concentration of a gas in the atmosphere contained in the case (2), the results of the measurement carried out by the electronic sensor (32) being processed by the central processing unit (44) and~~which~~, in response to the measurement signal from the electronic sensor, the electronic means for generating an alarm emits, if necessary, an acoustic or visual alarm.

~~Figure 1~~

The present invention concerns a device for monitoring the water resistance of a case (2) of an electronic timepiece (1) including a time base (42) for generating a standard frequency signal, a central processing unit (44) for determining the time from the standard signal, and an electronic means for generating an alarm, characterized in that the device includes an electronic sensor (32) capable of measuring fluctuations in the concentration of a gas in the atmosphere contained in the case (2), the results of the measurement carried out by the electronic sensor (32) being processed by the central processing unit (44) and, in response to the measurement signal from the electronic sensor, the electronic means for generating an alarm emits, if necessary, an acoustic or visual alarm.